

Product features

High cost performance, armored stable amplitude and phase cable.

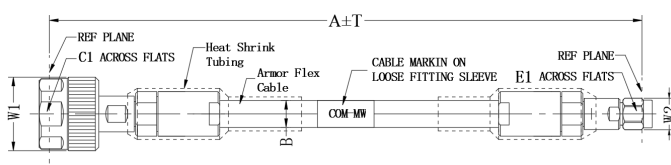
Main specifications

Items	Frequency (G)	Min	Type	Max	Units
Frequency		DC	~	18	GHz
IL	DC-2		0.88	1.35	dB
IL	2-6		1.89	2.12	dB
IL	6-12		2.03	2.69	dB
IL	12-18		2.89	3.15	dB
VSWR	DC-2		1.03	1.38	
VSWR	2-6		1.07	1.38	
VSWR	6-12		1.12	1.38	
VSWR	12-18		1.20	1.38	

Other parameters

Cable category	Armored stable amplitude and phase
Length	2000mm
Connector 1	N-M Stainless steel
Connector 2	SMA-M Stainless steel
Impedance	50Ω
Operation Temp.	-40~+65°C Design assurance
Storage Temp.	-40~+65°C Design assurance

Configuration



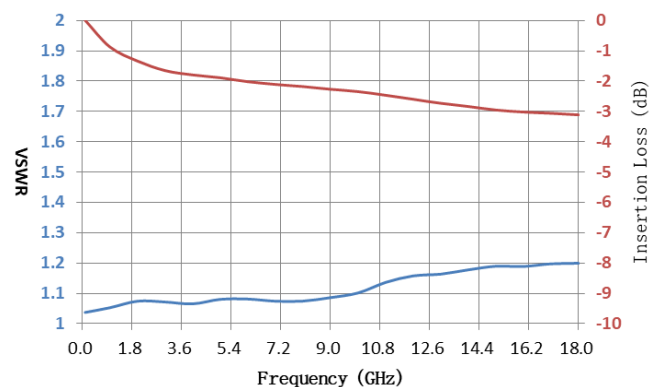
Reference picture



Typical test data

F (MHz)	IL (dB)	Input VSWR	Output VSWR
100	0.01	1.03	1.02
1000	0.87	1.04	1.03
1500	1.34	1.05	1.05
2500	1.65	1.06	1.06
4000	1.80	1.07	1.08
5000	1.89	1.08	1.07
6000	2.02	1.09	1.09
7000	2.11	1.08	1.10
8000	2.18	1.10	1.12
9000	2.27	1.11	1.13
10000	2.35	1.12	1.15
12000	2.60	1.15	1.16
14000	2.84	1.16	1.18
16000	3.02	1.18	1.18
18000	3.11	1.20	1.19

Typical test curve



Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

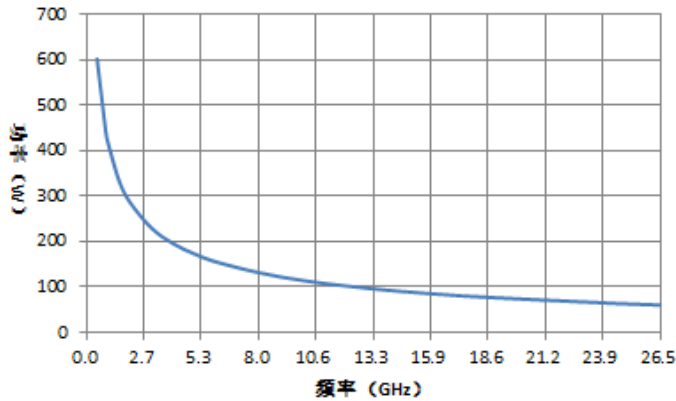
COM-MW TECHNOLOGY

DC~18GHz, Armored stable amplitude and phase, 2000mm, N-J, SMA-J

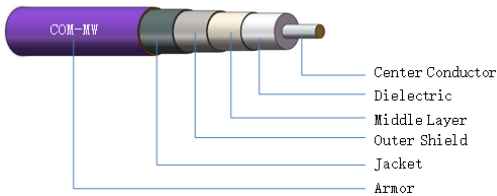
Overall dimensions (mm)

A	2000	mm	C1	19	mm
B	7.8	mm	E1	8.0	mm
T	70	mm	W1	20.2	mm
			W2	8.9	mm

Type power curve



Cable structure diagram



Note

1	Installation radius greater than 80mm
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